

Abstract

The invention includes an apparatus and a method for wirelessly transmitting and re-transmitting sub-protocol data units between a transceiver and a subscriber unit. The method includes the transceiver receiving standard data units and forming sub-protocol data units. The transceiver transmits a plurality of sub-protocol data units to the subscriber unit. A subset of the plurality of sub-protocol data units includes an acknowledge request indicator. The subscriber unit receives the sub-protocol data units. The subscriber unit transmits back to the transceiver a response to the acknowledge request indicator, indicating which sub-protocol data units were successfully received by the subscriber unit.